

中国车前属新植物

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NEW PLANTS OF *PLANTAGO* FROM CHINA

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Abstract One new species and one new variety of genus *Plantago* are described from China. They are *P. densiflora* J. Z. Liu and *P. arachnoidea* var. *lorata* J. Z. Liu.

Key words *Plantago*, *P. densiflorus*, *P. arachnoidea* var. *lorata*

关键词 车前属; 密花车前; 带叶车前

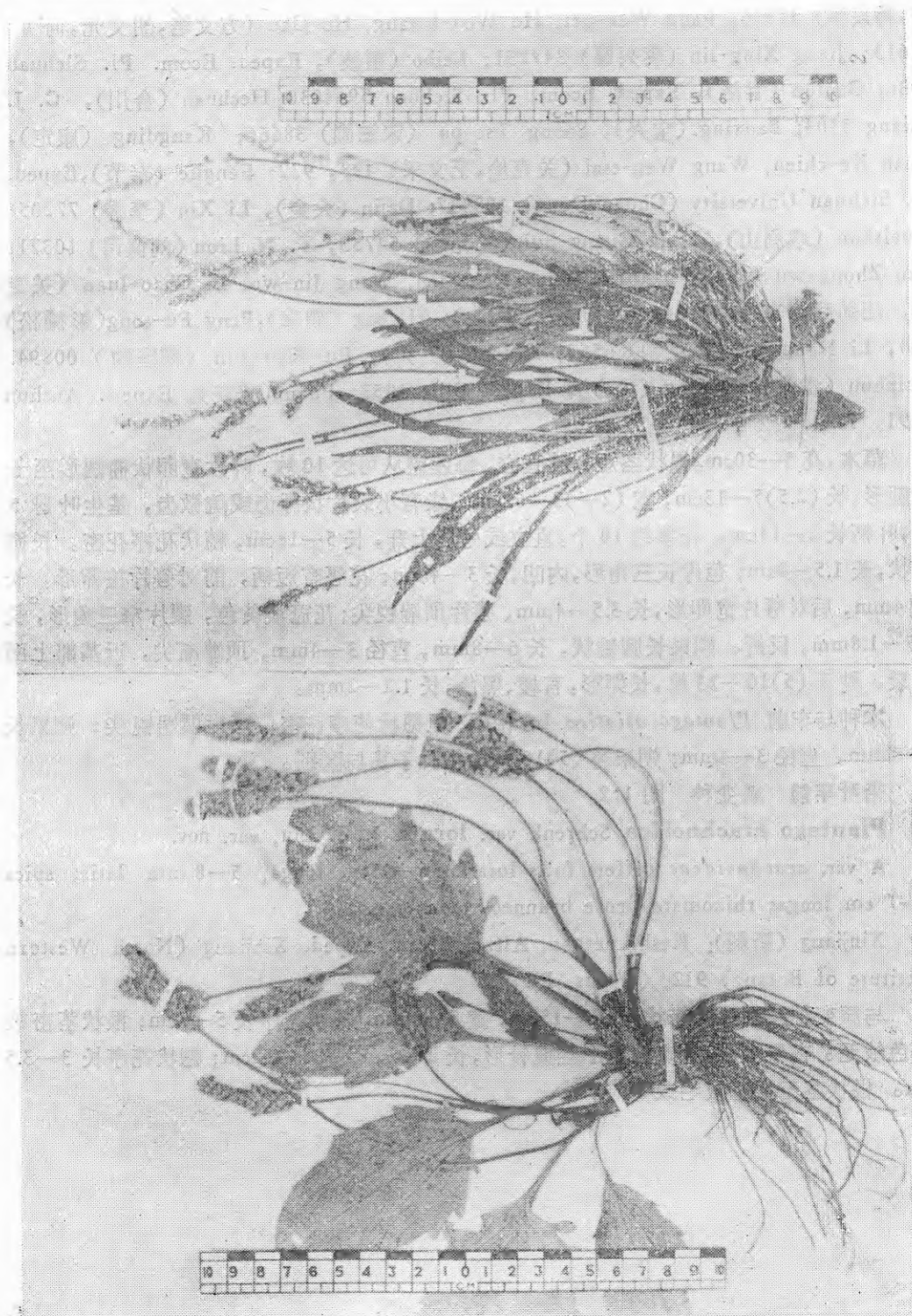
密花车前 新种 图 1:1

Plantago densiflora J. Z. Liu, sp. nov.

Proxima *P. asiaticae* L., sed spica densa, sepalis apice acutis, capsula 6—8 mm longa, 3—4 mm diam., (5) 10—13-seminali differt.

Herba 5—30 cm alta. Rhizoma breve. Folia erecta, ad 10 rosulata; lamina late ovato-elliptica usque longe elliptica, (2.5) 5—13 cm longa, (2) 3—6.5 cm lata, margine irregulariter lobulato-dentata vel laxe denticulata, nervis basalibus 5; petiolo 2—14 cm longo. Scapi c. 10, erecti vel arcuati ascendentes, 5—18 cm longi; spica densa, longe cylindracea, 1.5—9 cm longa; bractea longe triangularis, concava, 3—4 mm longa; calyx breviter stipitatus; sepala antica anguste ovata, c. 4 mm longa, postica late ovata, 3.5—4 mm longa, apice acuta; corolla flavescens, lobis anguste triangularis, 1.5—1.8 mm longis, reflexis. Capsula longe conica, 6—8 mm longa, 3—4 mm diam., apica attenuata, supra basin circumscissa. Semina (5) 10—13, longe ov-
oidea, angulata, nigra, 1.2—2 mm longa.

Sichuan (四川): Nanchuan (南川), Li Guo-feng (李国凤) 62007 (Typus, PE), Acad. West. Sin. 3073, Fang Wen-pei (方文培) 907, Kuan Ke-chian. Wang Jin-wu, Li Chao-luan (关克俭, 汪劲武, 李朝奎) 1143, Chu Chung-hsiang (曲仲湘) 1401, Exped. Jinfoshan Acad. Sin. 0106; Guan Xian (灌县), Fu De-zhi (傅德志) 87-0413, 87-0185, 87-1311, 87-0747; Tianquan (天全), Fang Wen-pei, Jiang Xing-lin (方文

图1 密花车前 *Plantago densiflora*图2 带叶车前 *P. arachnoides* var. *lorea*

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草本, 高 5—30cm。根状茎短。叶直立, 每莲座丛可达 10 枚, 叶片宽卵状椭圆形至长卵圆形, 长 (2.5) 5—13cm, 宽 (2—) 3—6.5cm, 缘有小裂片状牙齿或疏微齿, 基生叶脉 5 条, 叶柄长 2—14cm。花葶约 10 个, 直立或弓形上升, 长 5—18cm, 穗状花序花密, 长圆筒状, 长 1.5—9cm; 苞片长三角形, 内凹, 长 3—4mm; 花萼有短柄, 前对萼片狭卵形, 长约 4mm, 后对萼片宽卵形, 长 3.5—4mm, 萼片顶端锐尖; 花冠淡黄色, 裂片窄三角形, 长 1.5—1.8mm, 反折。蒴果长圆锥状, 长 6—8mm, 直径 3—4mm, 顶端渐尖, 近基部上面横裂。种子 (5) 10—13 粒, 长卵形, 有棱、黑色, 长 1.2—2mm。

本种与车前 *Plantago asiatica* L. 相近; 但穗状花序花密; 萼片顶端锐尖; 蒴果长 6—8mm, 直径 3—4mm; 蒴果有 (5) 10—13 粒种子易与区别。

带叶车前 新变种 图 1:2

***Plantago arachnoidea* Schrenk var. *lorata* J. Z. Liu, var. nov.**

A var. *arachnoidea* differt folis loratis, 6—15cm longa, 5—8 mm latis; spica 5—7 cm longa; rhizomate dense brunneo-tomentosa.

Xinjiang (新疆): Keshikuergan, Alt. 3520 m. Exped. Xinjiang (North Western Institute of Botany) 912, (Typus, PE)

与原变种区别: 叶带状, 长 6—15cm, 宽 5—8mm; 穗状花序长 5—7cm; 根状茎密被褐色绒毛。在原变种, 叶宽披针形至披针形, 长 2—6cm, 宽 8—12cm; 穗状花序长 3—3.5 cm。根状茎无褐色绒毛或稀疏。